CLAIMS

WHAT IS CLAIMED IS:

- 1. A self-closing hinge system, comprising:
- a shaft;
 - a first leaf member rotationally coupled to said shaft; and
 - a second leaf member rotationally coupled to said shaft;

wherein said first and second members each include an oblique edge

- abutting the other oblique edge, such that a horizontal force on the two members is translated into a horizontal and vertical force; and
- wherein said vertical force moves one member vertically with respect to the other member.
 - 2. The self-closing hinge system of Claim 1, further comprising one or more stays coupled to said shaft to secure said first and second leaf members to said shaft.
 - 3. The self-closing hinge system of Claim 1, further comprising a door coupled to one of said members, and a frame coupled to the other said member.
 - 4. The self-closing hinge system of Claim 1, wherein said first leaf member
- a first cylindrical portion; and

comprises:

- a door coupling portion adjacent to, and coupled to, said first cylindrical 4 portion. 5. The self-closing hinge system of Claim 4, wherein said first leaf member further comprises: a top stay edge adjacent to said oblique edge; and a bottom stay edge adjacent to said oblique edge. 6. The self-closing hinge system of Claim 4, wherein said first leaf member further comprises a generally vertical edge adjacent said oblique edge. 7. The self-closing hinge system of Claim 1, wherein said second leaf member comprises: a second cylindrical portion; and a frame coupling portion adjacent to, and coupled to, said second cylindrical portion.
- 8. The self-closing hinge system of Claim 7, wherein said second leaf member further comprises:
 - a top stay edge adjacent to said oblique edge; and
- a bottom stay edge adjacent to said oblique edge.

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- 9. The self-closing hinge system of Claim 7, wherein said second leaf member further comprises a generally vertical edge adjacent said oblique edge.
- 10. A self-closing hinge system, comprising:
- a first member; and
 - a second member rotationally coupled to said first member;
- wherein said first and second members each include an oblique edge abutting each other, such that a horizontal force on one of the members is translated into a horizontal and vertical force.
- 11. The self-closing hinge system of Claim 10, further comprising a shaft coupled to said first and second members.
- 12. The self-closing hinge system of Claim 10, further comprising one or more stops adjacent to said shaft.
 - 13. The self-closing hinge system of Claim 10, wherein said vertical force moves one member vertically with respect to the other member.
- 14. The self-closing hinge system of Claim 10, wherein the force of gravity is translated into a vertical and horizontal force such said first or second leaf member returns to a closed position.

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- 15. The self-closing hinge system of Claim 10, further comprising a door coupled to one of said members, and a frame coupled to the other said member.
- 16. A self-closing hinge system, comprising:
 - a first leaf member; and
 - a second leaf member rotationally coupled to said first leaf member;
- wherein said first and second members are configured such that a horizontal force on one of the members is transformed into a horizontal and vertical force, wherein said vertical force raises one member with respect to the other member.
- 17. The self-closing hinge system of Claim 16, further comprising a shaft coupled to said first and second members.
- 18. The self-closing hinge system of Claim 16, wherein said members are configured to couple to at least one of a door and a frame.